

MODIS sensor Working Group (MsWG) Meeting Summary

January 9, 2008

Attendance: Vince Salomonson, Chris Moeller, Hongda Chen, Gary Toller, Junqiang Sun, James Kuyper, Zhengming Wan, Gene Eplee, Gerhard Meister, Aisheng Wu, Jack Xiong, Brian Wenny

Scheduled Agenda

Item 1: Recent L1B LUT delivery

- Terra forward update – 5.0.38.4 (01/03/08) – m1 & RVS
- Aqua forward update – 5.0.7.27 (12/27/07) – m1 & RVS

Item 2: Instrument status

- Terra and Aqua MODIS are in nominal operations.
- Aqua SSR Anomaly update (Dec. 2, 2007) – The temporary fix is in place and working. The application of a permanent fix is on hold until the Aura SSR issues are resolved. Not expected to be implemented before the end of January. Two non-recoverable data losses have been identified: 2007/336 00:42:30-01:07:53 and 02:35:36-05:41:33. All other data is expected to be recovered, but a timeframe on completion of that task is unknown.
- Aqua spacecraft Drag Make-up Maneuver (DMU #32) occurred on 01/09/08 15:40-16:49.

Item 3: MCST recent activities

- Follow-up to a request from Dec 19, 2007 MsWG regarding the location of MODIS anomalies (such as Single Event Upset (SEU) anomalies, and the first onset of noisy/dead detectors). Mapping the spacecraft location during these events showed that the majority of the anomalies occur during spacecraft passage through the South Atlantic Anomaly.
- MODIS Calibration Workshop
 - o Date: January 30, beginning at 10 am.
 - o Location: MCST/GSFC at Aerospace Building (a few blocks from Goddard)
 - o Dial-in number and pass code will be provided for those who cannot make it in person
 - o Preliminary Agenda:
 - Welcome & Logistics (J. Xiong)
 - Instrument Status (R. Yi)
 - L1B Algorithm and LUT Issues (J. Kuyper)
 - RSB Calibration Performance (J. Sun)
 - TEB Calibration Performance (B. Wenny)
 - Spatial and Spectral Characterization (J. Choi/J. Xiong)
 - Geolocation (R. Wolfe)
 - Major Issues, Challenges and Collection 6 Issues (J. Xiong et al.)
 - Presentations by MODIS Cal/Val Scientists (TBD)
 - Summary (J. Xiong)

Item 4: Around the Table

- N/A

Next Meeting: ~Jan 23, 2008